



FEMA



Prepared by
Jennifer McNatt

FEMA Region 6 Weather Threat Briefing

Thursday, November 1, 2018

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information.

To find your local NWS forecast office, go to www.weather.gov/srh.

Summary of the Upcoming Week



SR ROC
REGIONAL OPERATIONS CENTER

Today

- Ongoing storms this morning over **SE LA**; a few may be strong with heavy rain before moving out by midday.

Friday - Saturday

- No significant weather expected.

Sunday - Monday

- Snow possible in **N & NE NM** Saturday night into Sunday.
- A few strong storms with heavy rainfall possible Sunday afternoon and evening across **E** portions of the Region.
- Another round of storms (possibly strong to severe) and heavy rain over **AR** into **N LA** on Monday.

River Flood Status

- Points along the Nueces river in **STX** will continue in Moderate to Major Flood through next week.
- The Trinity River at Riverside and Liberty in **SE TX** will continue in Moderate Flood through next week.

Tropical Outlook

- Tropical cyclone formation is not expected during the next 5 days.

FEMA Region 6 Threat Matrix

Nov 1, 2018 – Nov 5, 2018



SR ROC
REGIONAL OPERATIONS CENTER

DAY / THREAT	THU	FRI	SAT	SUN	MON
Severe Storms	SE LA			E Portions of the Region	AR, N LA
Heavy Rain / Flash Flooding	SE LA			E Portions of the Region	AR, N LA
Winter Weather				N & NE NM	
Tropical Weather					
River Flooding	SETX & STX	SETX & STX	SETX & STX	SETX & STX	SETX & STX

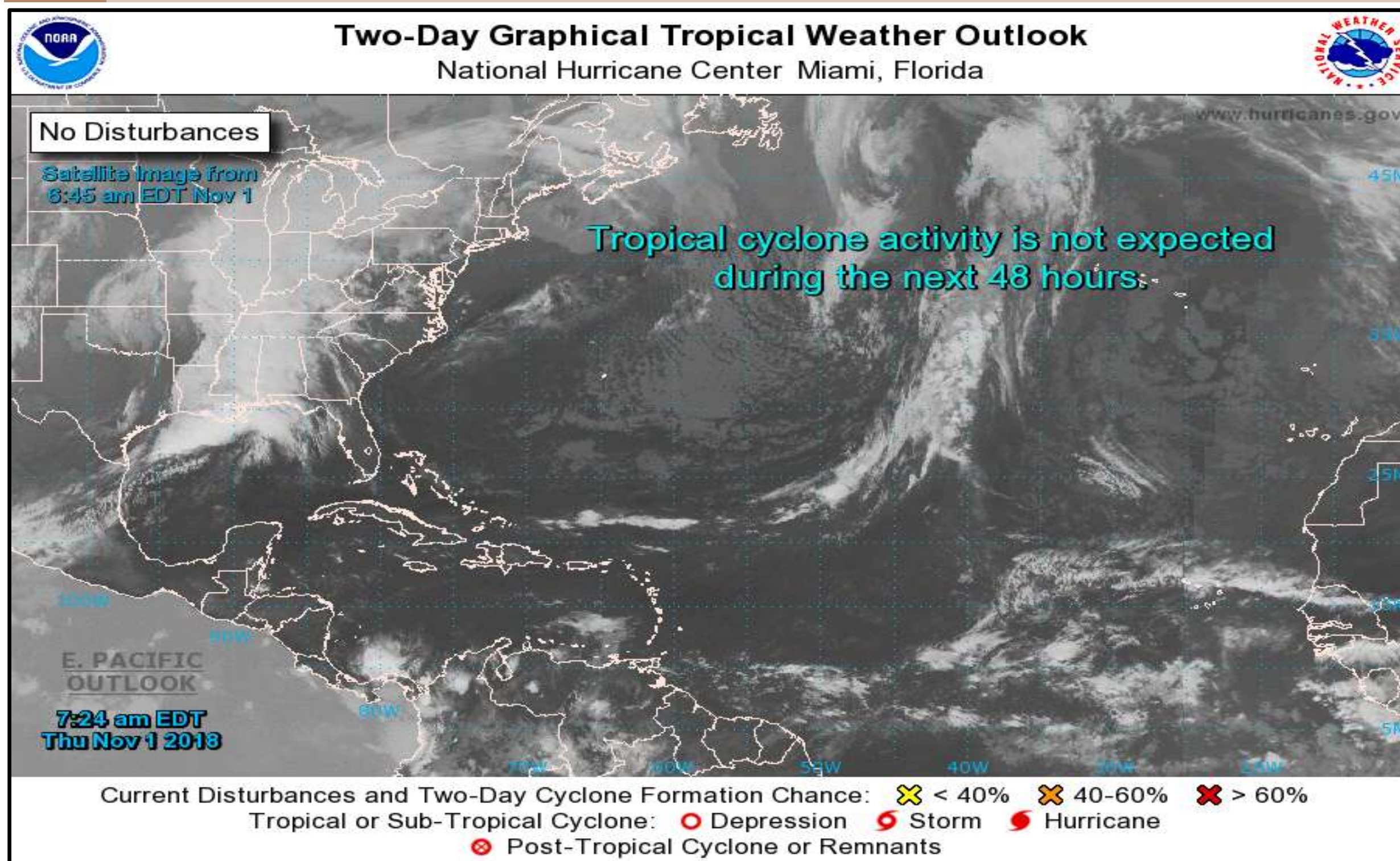
	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

**Threat levels are based on FEMA Region 6 criteria.
State or local threat level criteria may differ.*
For more details on the colors in the threat matrix refer to the last slide in this briefing.*

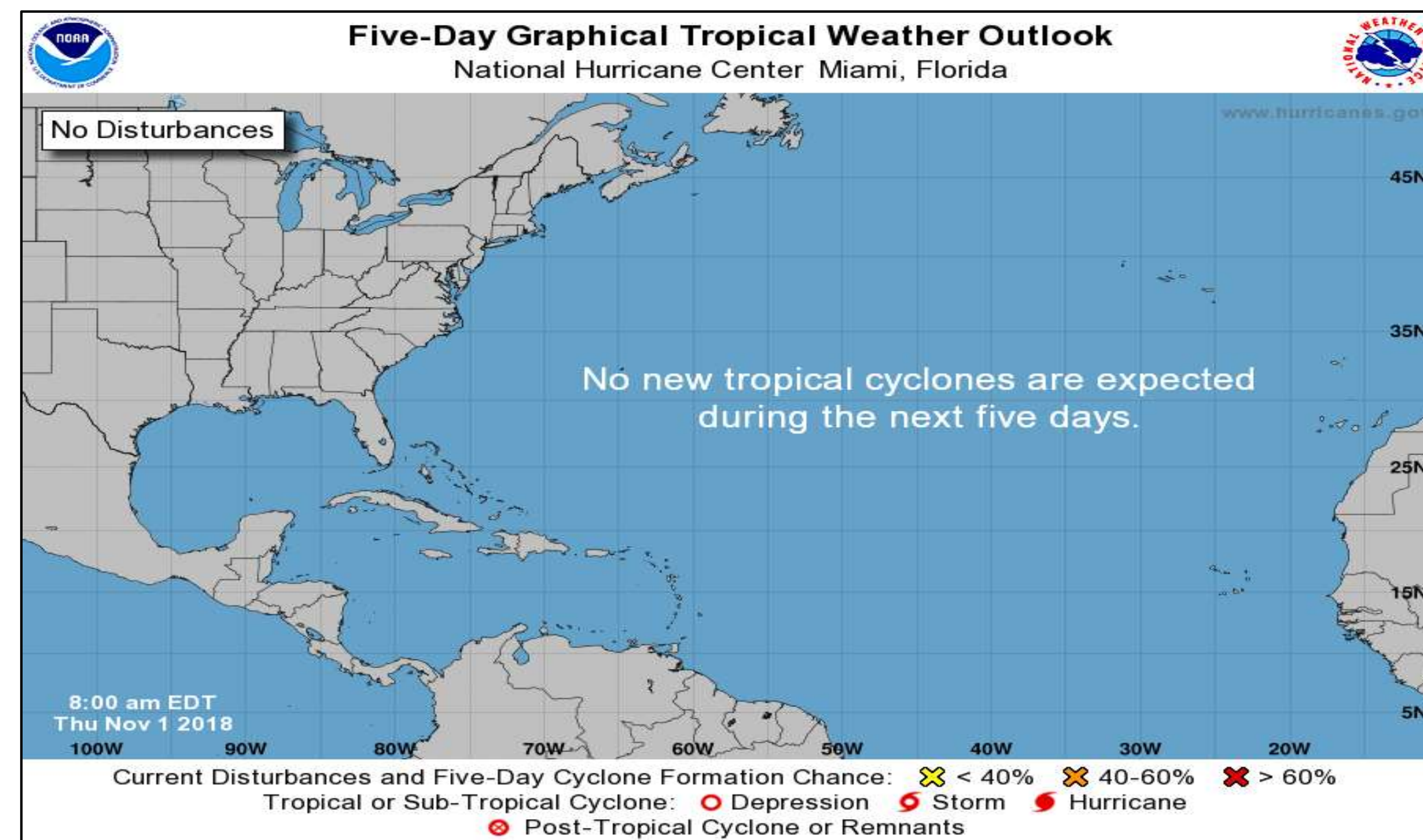
Tropical Weather Outlook – Atlantic/Gulf



SR ROC
REGIONAL OPERATIONS CENTER



Tropical cyclone activity is not expected during the next 5 days.

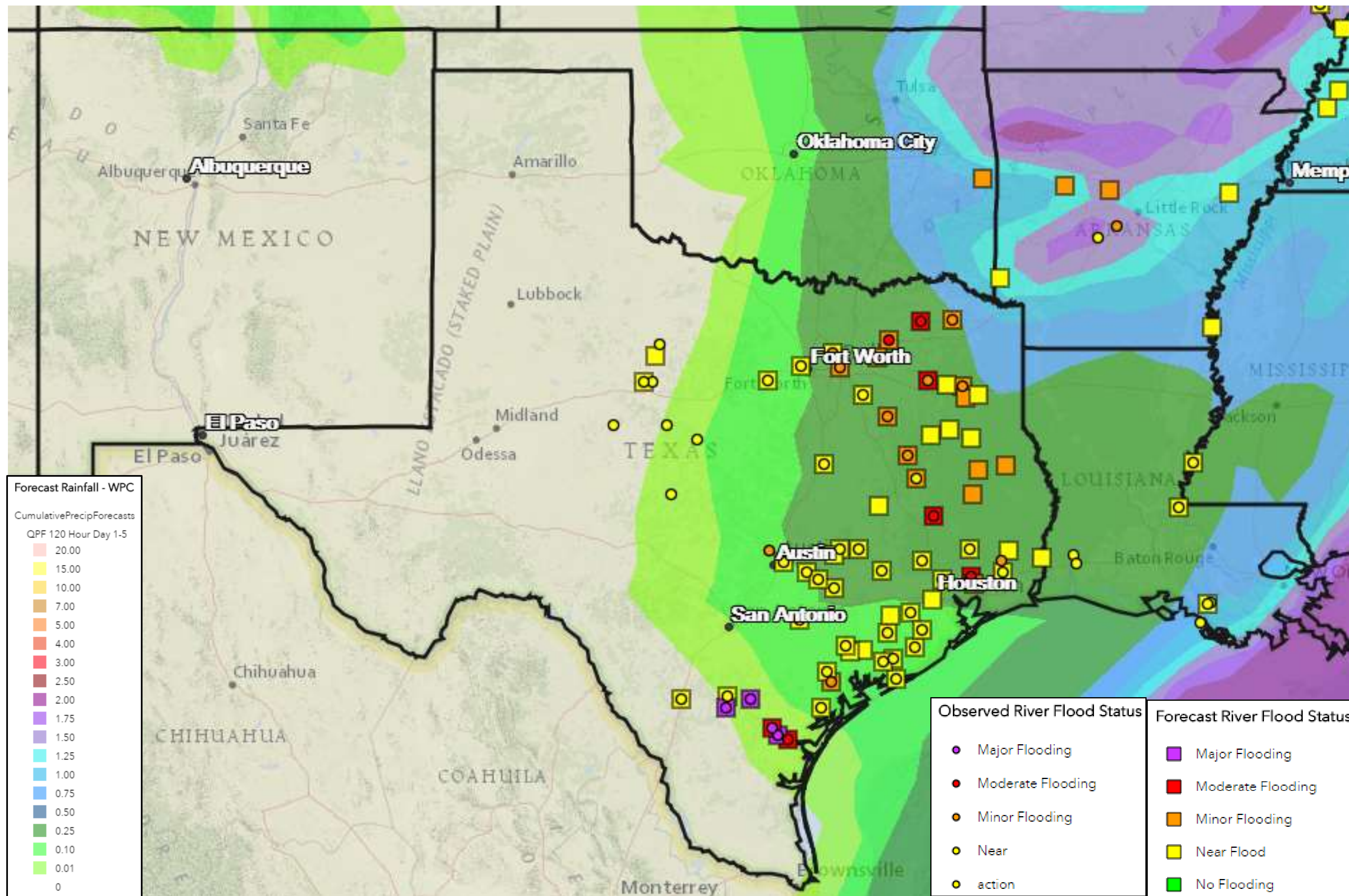


5-Day Precipitation Forecast & River Flood Status



SR ROC
REGIONAL OPERATIONS CENTER

Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall



Rain last night created action and minor stage rises over much of E TX. Rivers are responding rapidly, but not expected to crest in significant flood.

Points along the Nueces river in STX will continue in Moderate to Major Flood through next week. Evacuation of livestock and a few residential properties may be required.

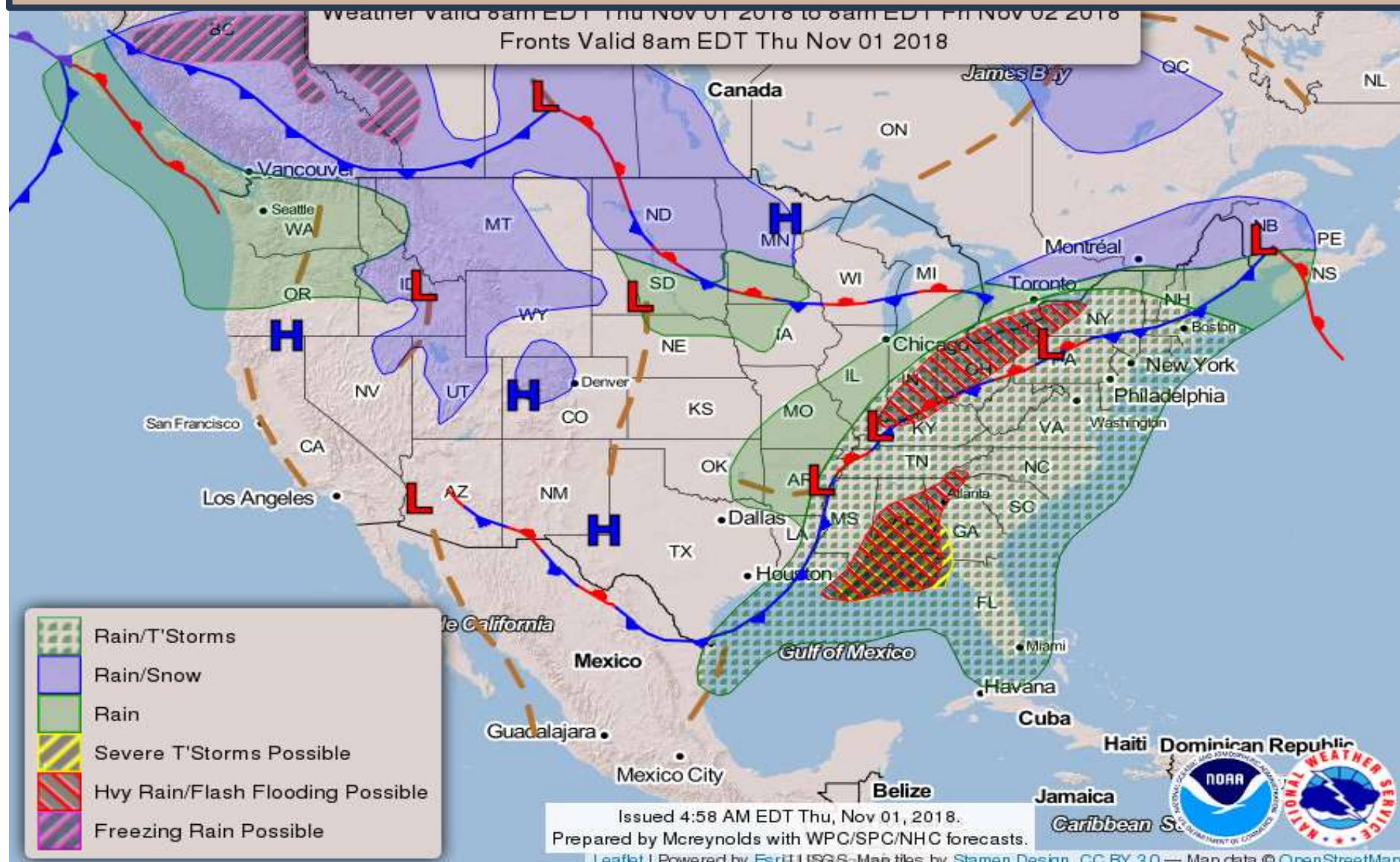
The Trinity River at Riverside will remain in Moderate Flood stage through next week; several subdivisions in the area are likely threatened at current levels. The Trinity River at Liberty in SE TX will continue in Moderate Flood through next week. Roads flooded/closed and residents in some subdivisions above Liberty may be cut off if not evacuated.

Today's Weather



SR ROC
REGIONAL OPERATIONS CENTER

Forecast Chart

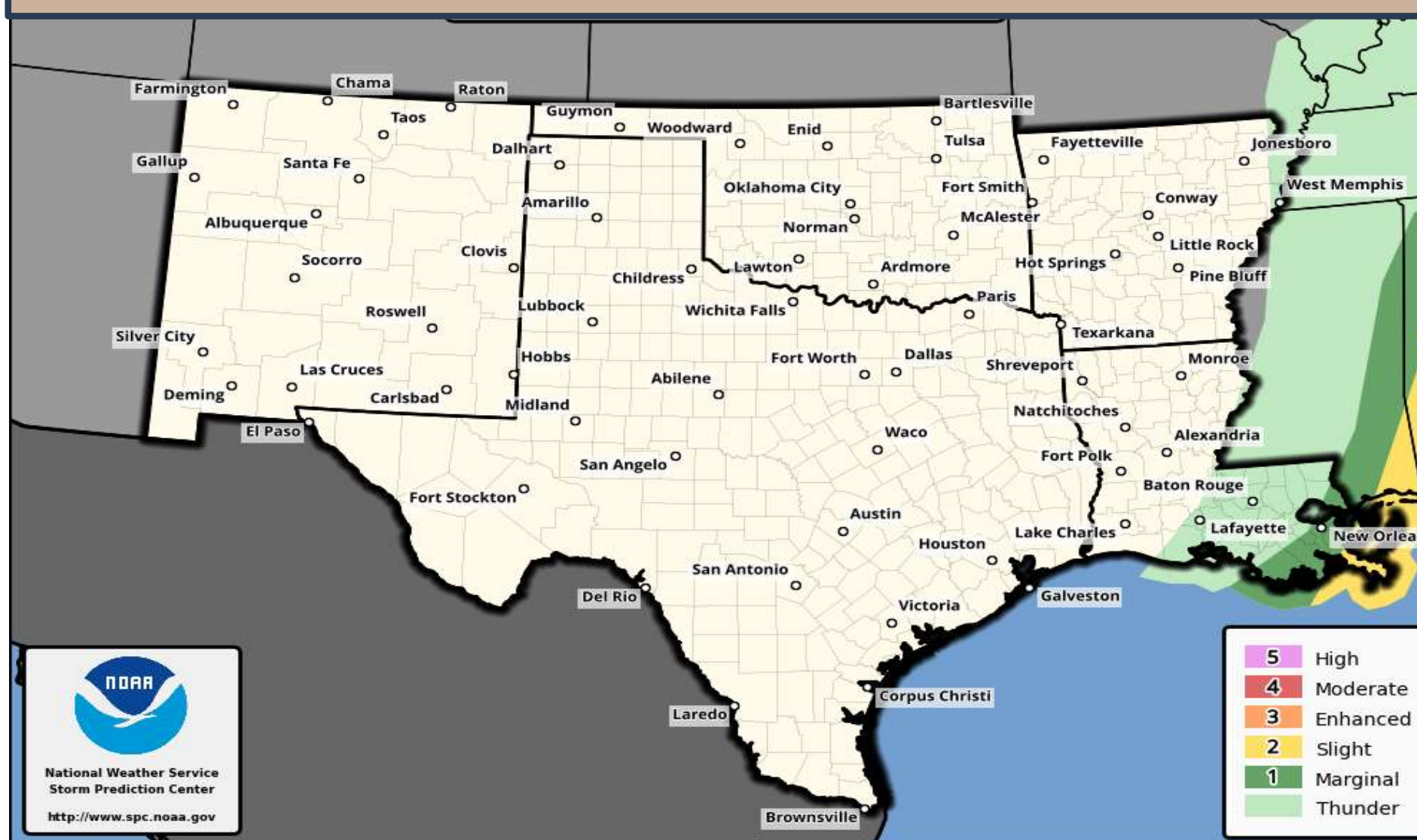


Forecast Rainfall



Ongoing storms this morning over SE LA; a few may be strong with heavy rain before moving out by midday.

Severe Weather Outlook



Excessive Rainfall Outlook

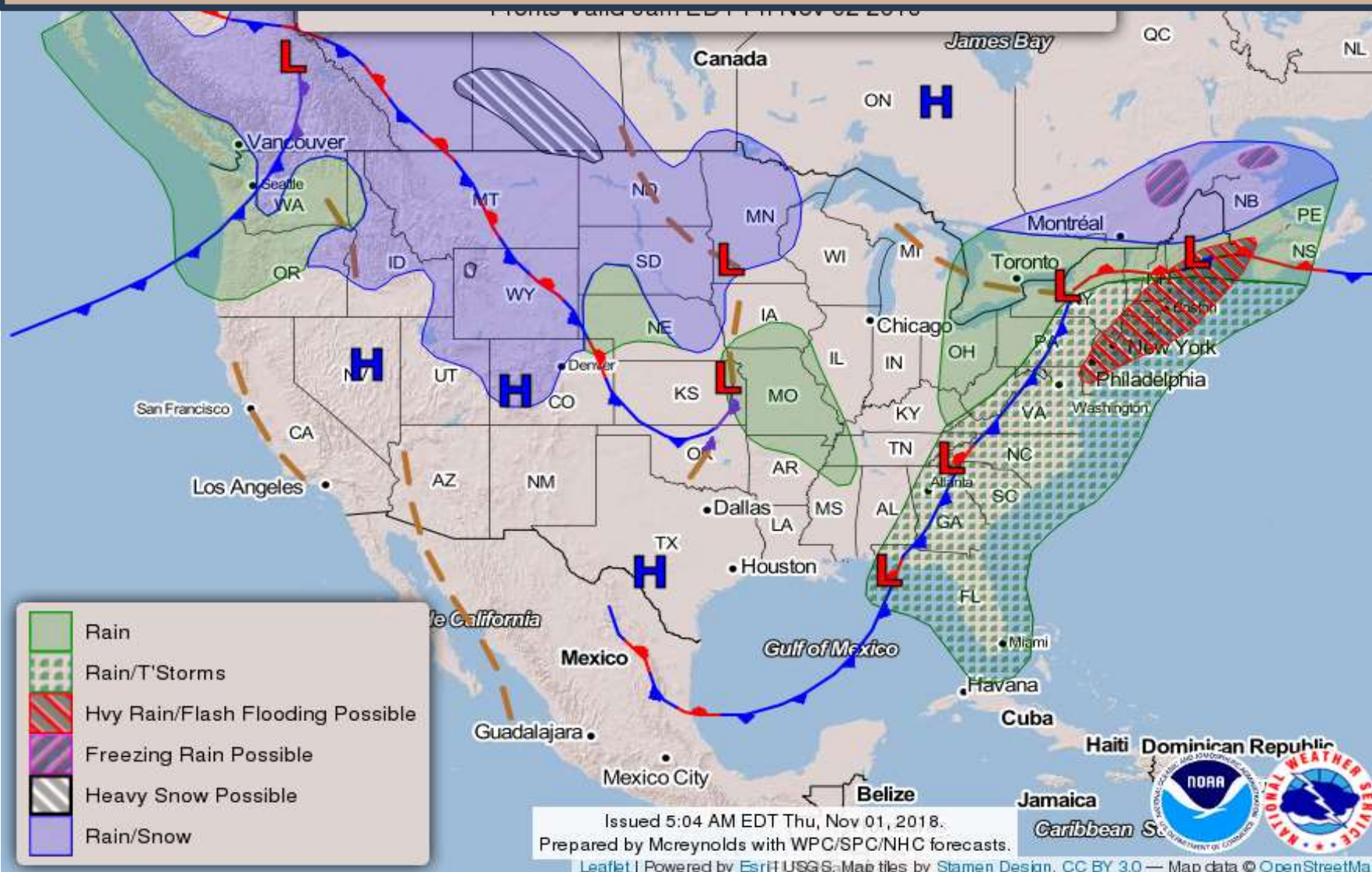


Tomorrow's Weather



SR ROC
REGIONAL OPERATIONS CENTER

Forecast Chart



Forecast Rainfall



No significant weather expected.

Severe Weather Outlook



Excessive Rainfall Outlook



Saturday's Weather

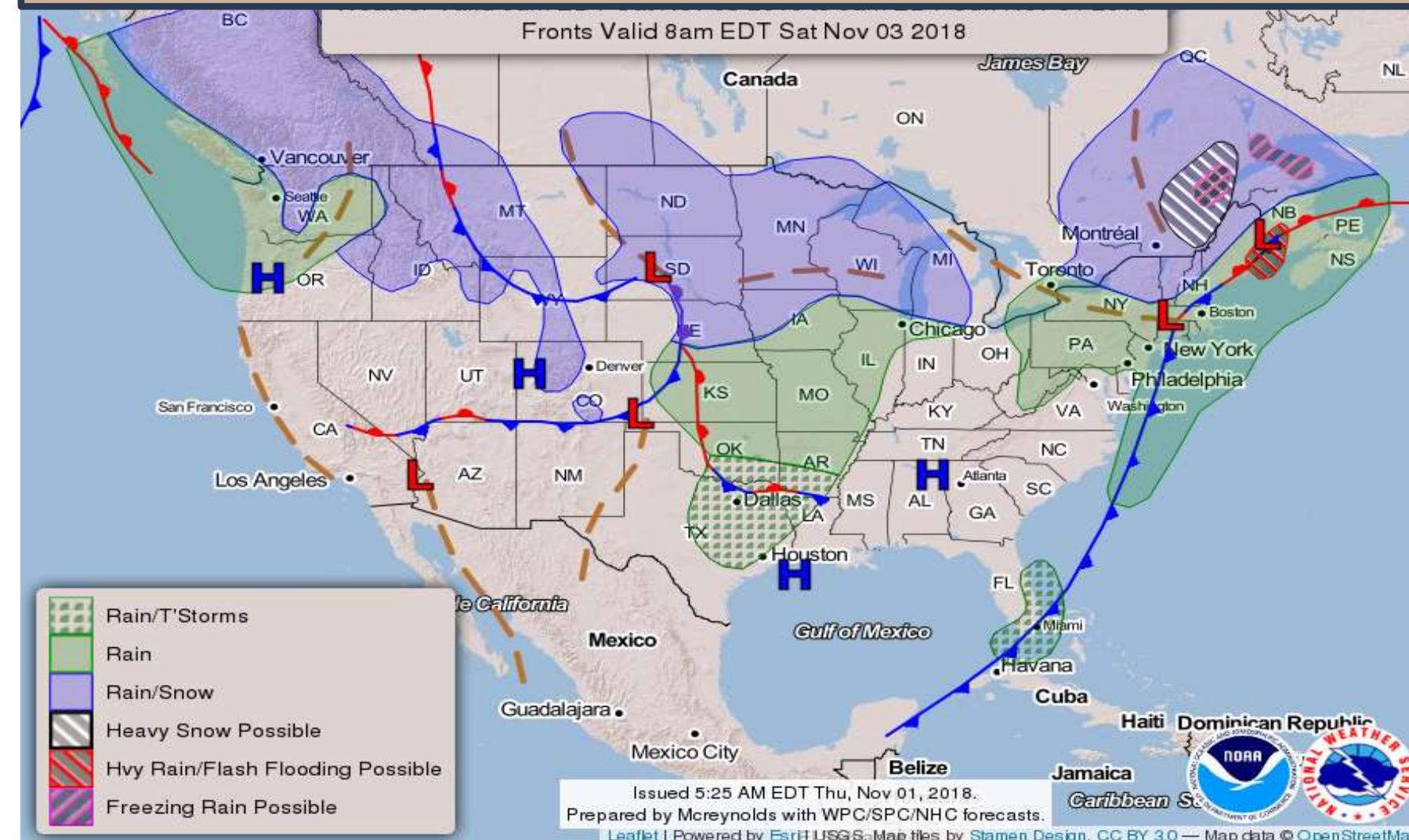


SR ROC
REGIONAL OPERATIONS CENTER

Forecast Chart

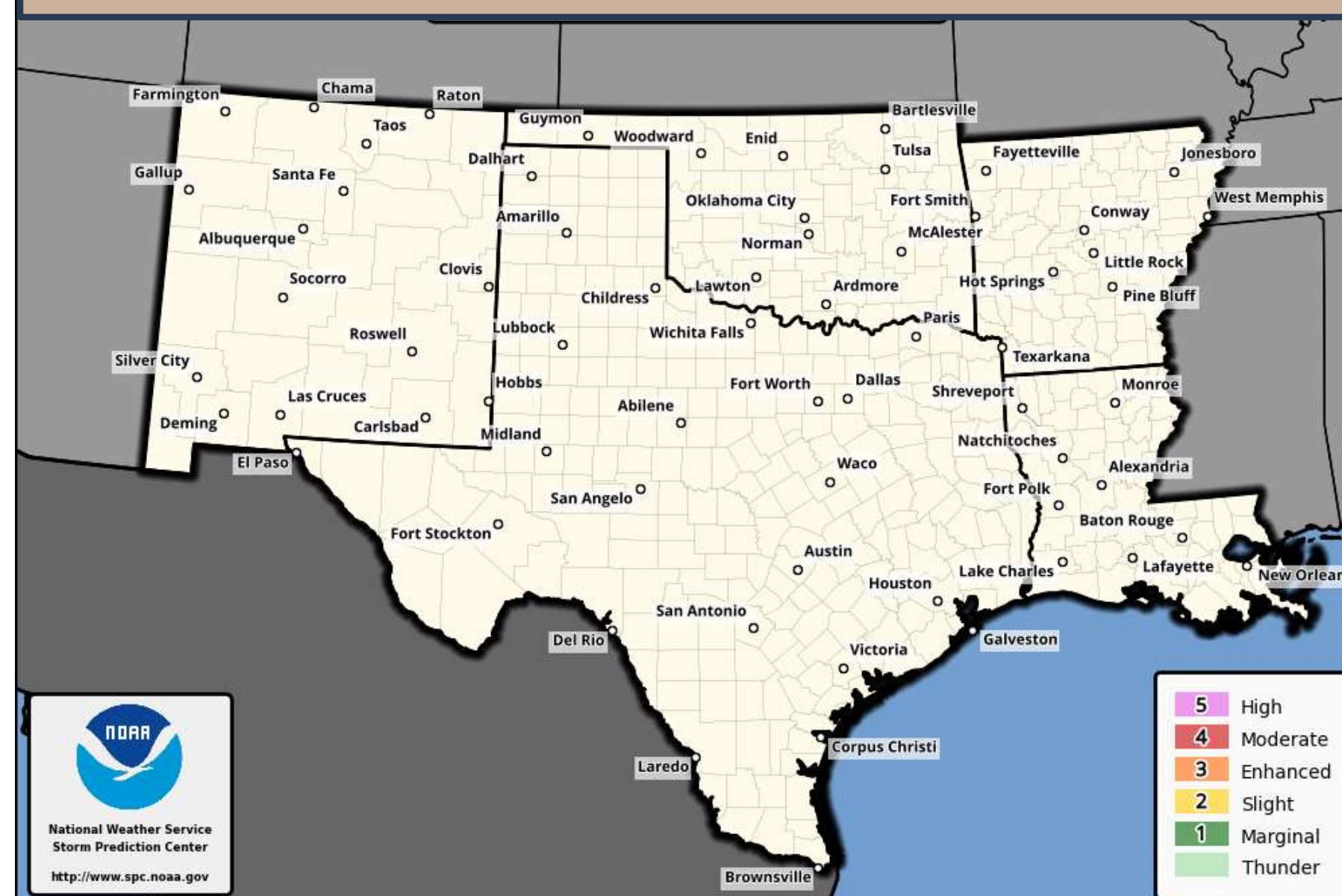
Forecast Rainfall

No significant weather
expected.



Severe Weather Outlook

Excessive Rainfall Outlook

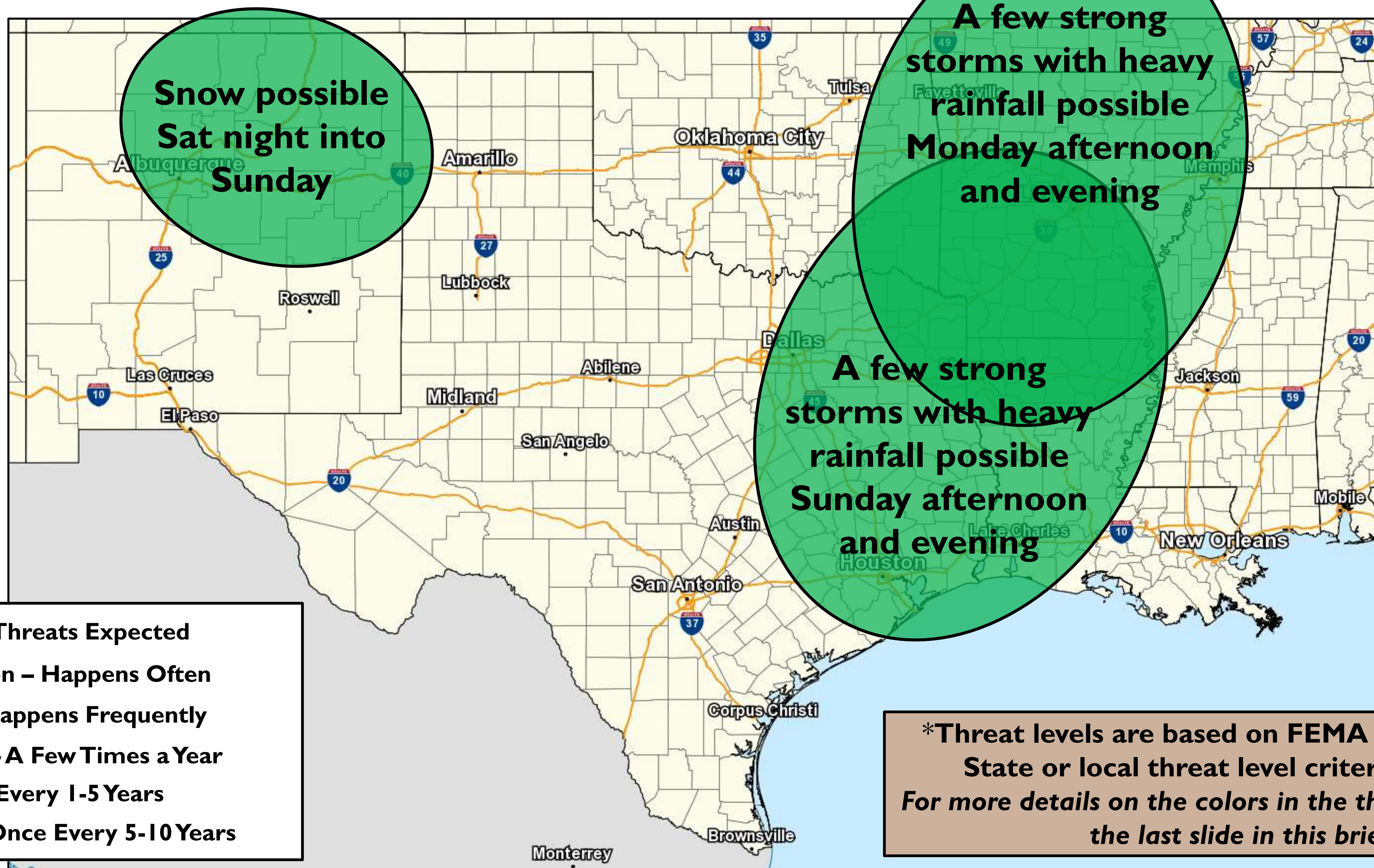


Days 4-5 Weather Hazards

Sunday - Monday



SR ROC
REGIONAL OPERATIONS CENTER



- No Weather Threats Expected
- Very Common – Happens Often
- Common – Happens Frequently
- Uncommon – A Few Times a Year
- Rare – Once Every 1-5 Years
- Very Rare – Once Every 5-10 Years

**Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.*
For more details on the colors in the threat matrix refer to the last slide in this briefing.*

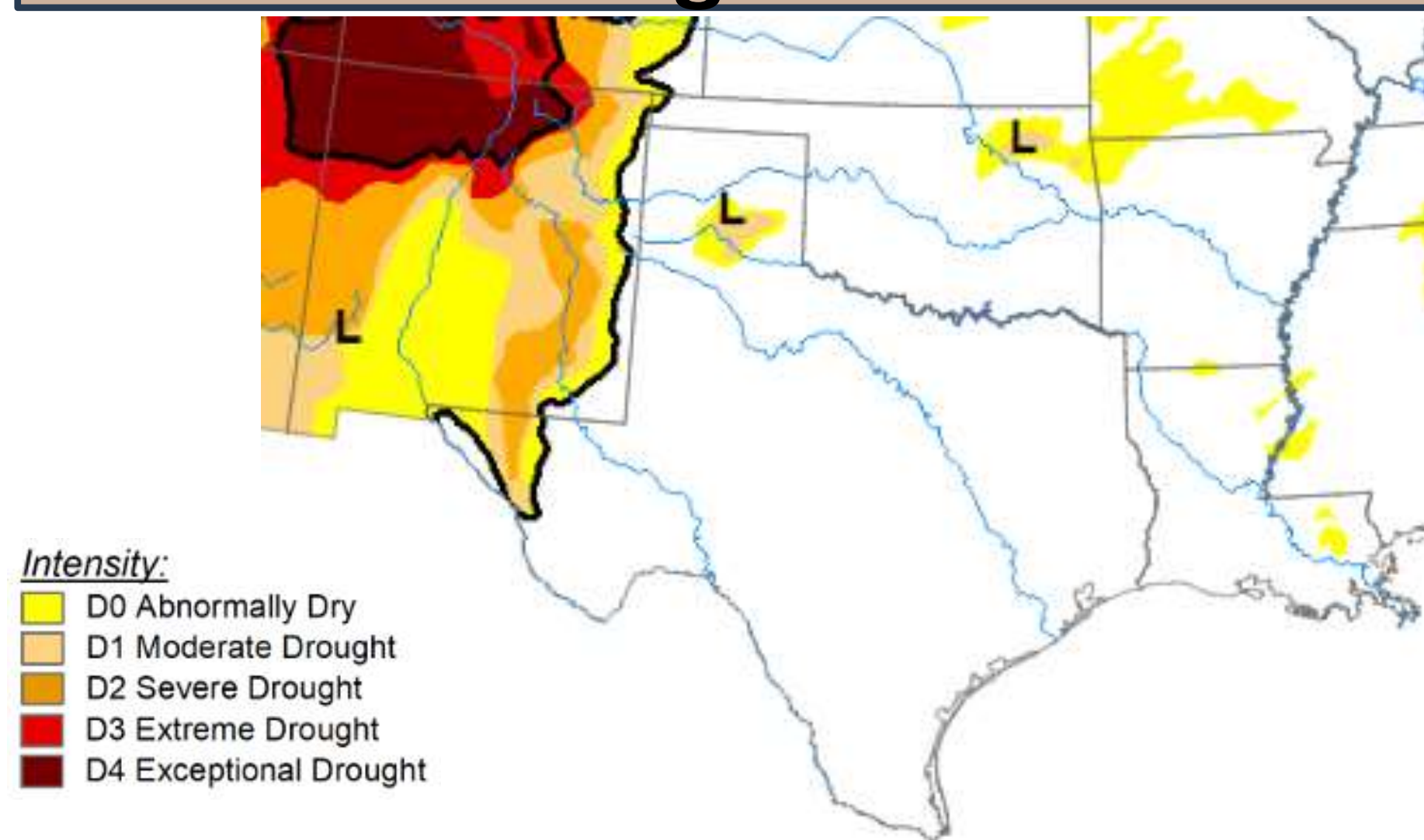
Drought Monitor (Released November 1, 2018)



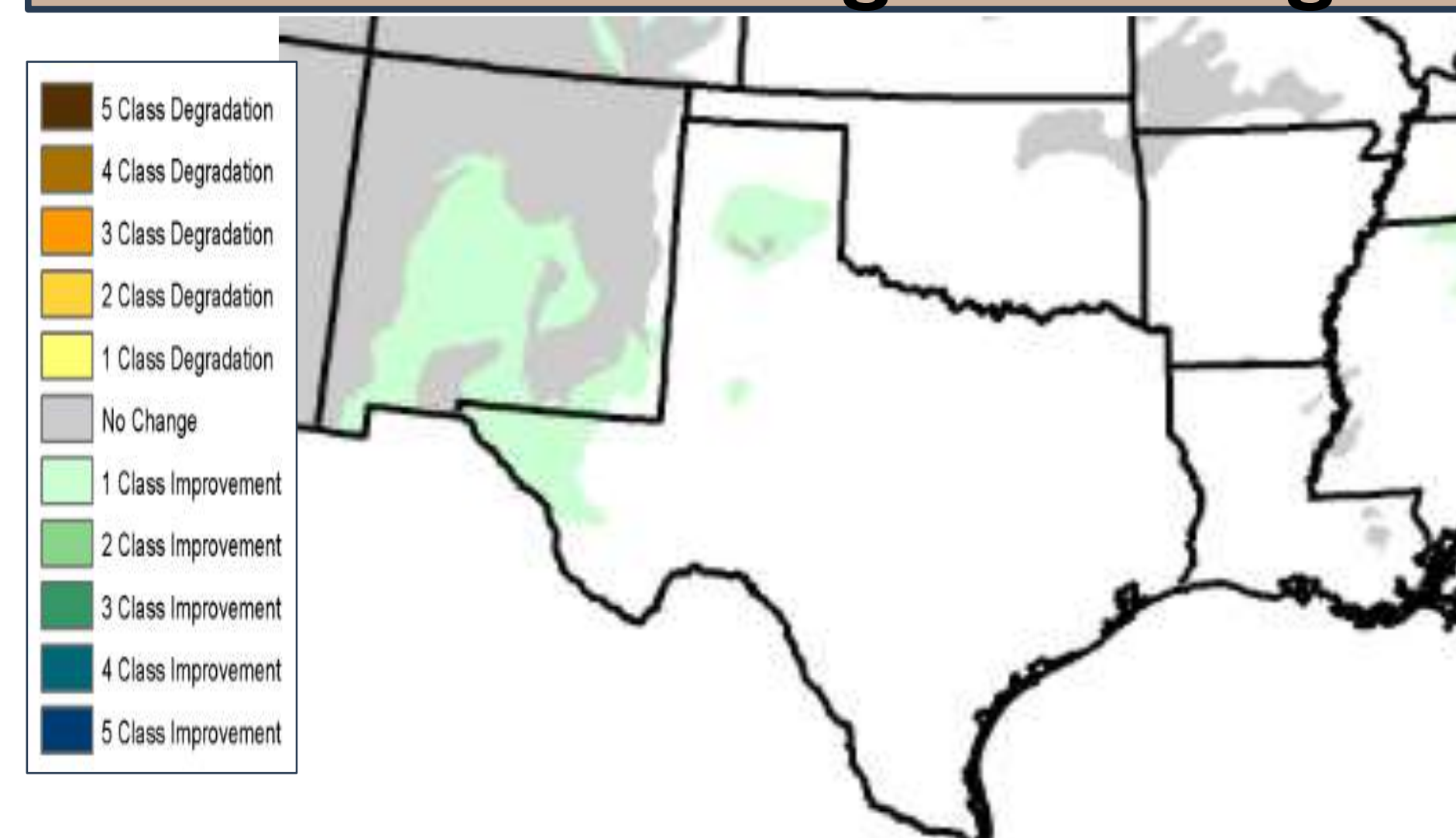
SR ROC
REGIONAL OPERATIONS CENTER

Data valid as of 7am CDT, Tuesday, October 30, 2018

Drought Monitor



One Week Change in Drought



Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)

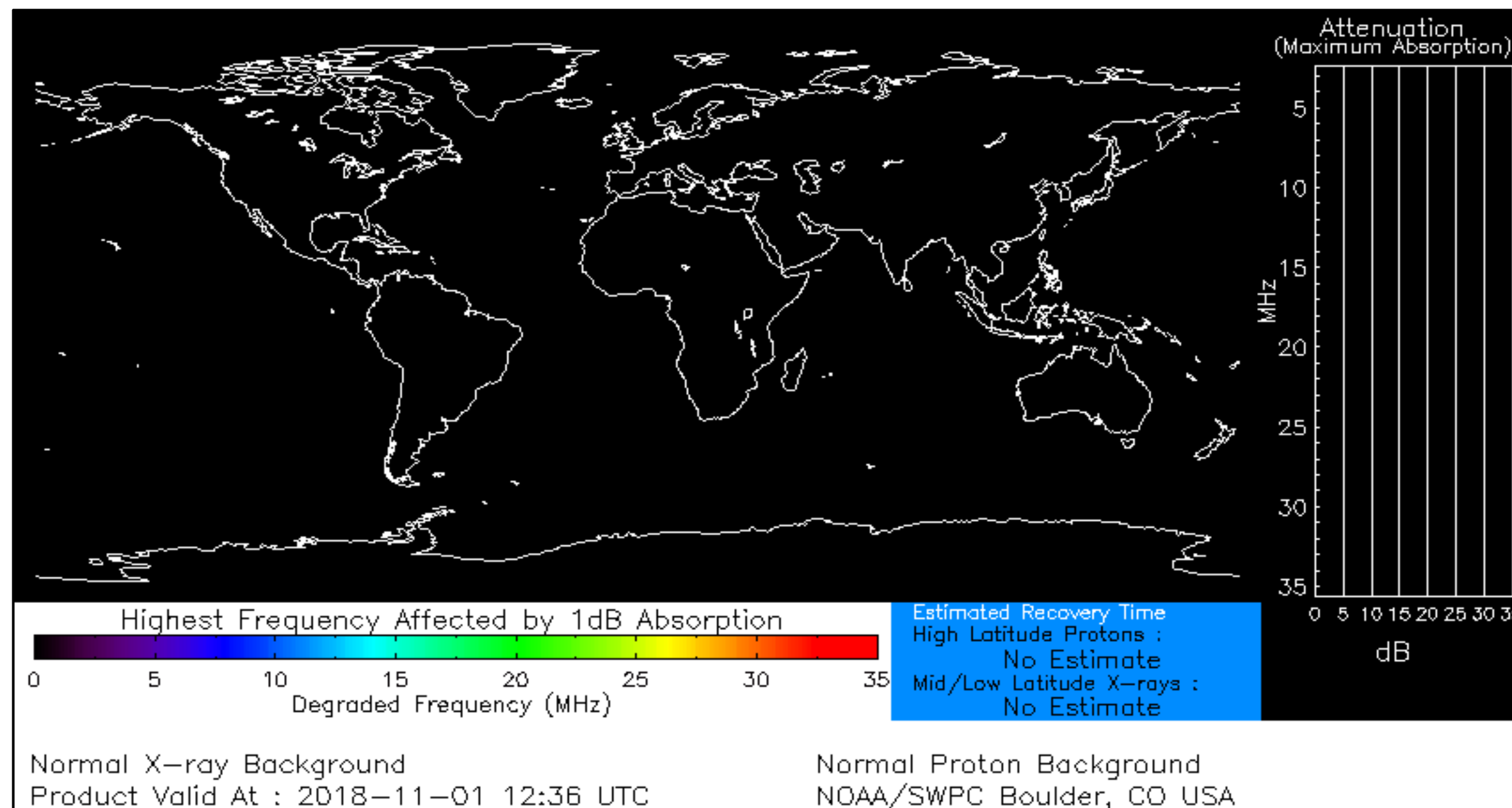
State	Current	Last Week	3 Months Ago	1 Year Ago
Arkansas	0.00%	0.00%	0.00%	0.00%
Louisiana	0.00%	0.00%	0.00%	0.00%
Oklahoma	0.00%	0.00%	6.81%	0.00%
Texas	0.00%	0.42%	8.48%	0.00%
New Mexico	22.08%	23.07%	46.04%	0.00%

Space Weather 3-Day Forecast



SR ROC
REGIONAL OPERATIONS CENTER

	Thursday	Friday	Saturday
Geomagnetic Storms	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)	Minor (G1) Storm (Max Kp = 5)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)





For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov